

List of All Claims Including Current Amendments

1. (Currently Amended) A sleeve for a disc brake, comprising a fixed caliper and one or more brake discs received moveable in axial direction on the sleeve, which sleeve has means for co-operation with at least one brake disc, is to be placed on a wheel axle, and has a groove, the main orientation of said groove being parallel with the outer periphery of the sleeve, wherein the sleeve forms an integrated sleeve and hub and that the sleeve has a generally tubular form, where the outer periphery of the sleeve is generally straight and parallel with the main extent of the wheel axle, allowing a brake disc to be slid off or slid onto the sleeve in any axial direction.
2. (Previously Presented) The sleeve of claim 1, characterized in that the groove is open towards one end of the sleeve and that the groove forms an inner wall, which inner wall is parallel with the outer periphery of the sleeve.
3. (Previously Presented) The sleeve of claim 2, characterized in that a number of bridges is arranged between the inner wall and the rest of the sleeve, which bridges are arranged in connection with the open end of the groove.
4. (Previously Presented) The sleeve of claim 1, characterized in that bearing means are arranged between the inner wall of the sleeve and the wheel axle.
5. (Previously Presented) The sleeve of claim 4, characterized in that the groove has a cooling effect on the bearing means.
6. (Previously Presented) The sleeve of claim 1, characterized in that the means for co-operation with the brake disc is splines.

7. (Previously Presented) The sleeve of claim 1, characterized in that the sleeve is attached directly to a wheel flange.
8. (Previously Presented) The sleeve of claim 7, characterized in that the groove is open in the direction directed away from the wheel flange.
9. (Previously Presented) The sleeve of claim 7, characterized in that the sleeve has threaded openings for receiving bolts, used to securely screw the sleeve onto the wheel flange and that the wheel flange has openings corresponding to the threaded openings of the sleeve.
10. (new) A sleeve for a disc brake, comprising a sleeve adapted to be placed on a wheel axle and coupled to a wheel flange, wherein at least one brake disc is moveable in an axial direction on the sleeve, the sleeve having means for co-operation with at least one brake disc, the sleeve further having a groove forming inner and outer walls of the sleeve, the main orientation of said groove being parallel with the outer periphery of the sleeve, the inner wall of the sleeve having a shorter axial extension away from the wheel flange than the outer wall of the sleeve, wherein the sleeve forms an integrated sleeve and hub and has a generally tubular form, and wherein the outer periphery of the sleeve is generally straight and parallel with the main extent of the wheel axle, such that a brake disc is slidable on and off the sleeve in any axial direction.
11. (new) The sleeve of claim 10, further comprising a plurality of bridges connecting the inner wall of the sleeve to the outer wall of the sleeve.
12. (new) The sleeve of claim 11, wherein the groove is open in the direction directed away from the wheel flange.
13. (new) The sleeve of claim 11, wherein the inner wall is parallel with the outer periphery of the sleeve.

14. (new) The sleeve of claim 11, wherein the sleeve has threaded openings for receiving bolts, used to securely screw the sleeve onto the wheel flange, and the wheel flange has openings corresponding to the threaded openings of the sleeve.
15. (new) The sleeve of claim 11, further comprising bearing means between the inner wall of the sleeve and the wheel axle.
16. (new) The sleeve of claim 11, wherein the means for co-operation with the brake disc comprises splines.